MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#	6423	Amt Collected(cm^2):	100	Analyst:	AH
MVA Sample#	Q1456	Amt Prepped(cm^2):	0.1	Date:	9/19/05
Client I.D.:	Dust 48	Filter Area (mm^2):	1256	Page:	1 of 1
Instrument:	Philips 420	Filter Type:	PC 0.2	Comments:	
Magnification:	20,600	Openings Analyzed:	10	ASTM Method:	D6480
Acc. Voltage:	100 KV	Grid Opening (mm^2):	0.008	or D5755	X

Grid	Opening	Structure Number*	Structure Type	Length** (cm)	Width** (cm)	SAED	EDS	Comments	Length*** (µm)	Width*** (µm)
1	I3	1	M	28.0	7.00	C	C	EDS	13.6	3.40
		2	C	16.0	1.00	C			7.8	0.49
	J4	3	F	10.5	0.10	C			5.1	0.05
	H6	4	C	7.0	4.00	C			3.4	1.94
		5	B	6.0	0.30	C			2.9	0.15
		6	F	5.0	0.10	C			2.4	0.05
		7	C	5.0	1.50	C			2.4	0.73
		8	M	15.0	9.00	C			7.3	4.37
	G6	9	F	21.0	0.10	C			10.2	0.05
		10	F	4.0	0.10	C	C	EDS	1.9	0.05
	D9	11	C	9.0	1.00	C			4.4	0.49
		12	F	13.0	0.10	C			6.3	0.05
		13	M	22.0	12.00	C			10.7	5.83
2	F8	14	F	7.0	0.10	C			3.4	0.05
		15	M	7.0	6.00	C			3.4	2.91
	C7	16	F	3.5	0.10	C			1.7	0.05
		17	F	8.0	0.10	C			3.9	0.05
	A6	18	B	11.0	0.80	C			5.3	0.39
		19	F	15.0	0.10	C			7.3	0.05
	C4	NSD								
	E2	20	F	6.0	0.10	C	C	EDS	2.9	0.05

*NFD or NSD = No Fibers Detected or No Structures Detected

** On Screen Measurement

*** Calculated Actual Measurement (On Screen Measurement X 10,000/Magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, AM = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#	6423	Amt Collected(cm^2):	100	Analyst:	AH
MVA Sample#	Q1457	Amt Prepped(cm^2):	1	Date:	9/20/05
Client I.D.:	Dust 49	Filter Area (mm^2):	1256	Page:	1 of 2
Instrument:	Philips 420	Filter Type:	PC 0.2	Comments:	
Magnification:	20,500	Openings Analyzed:	10	ASTM Method:	D6480
Acc. Voltage:	100 KV	Grid Opening (mm^2):	0.008	or D5755	X

Grid	Opening	Structure Number*	Structure Type	Length** (cm)	Width** (cm)	SAED	EDS	Comments	Length*** (µm)	Width*** (µm)
1	B6	1	F	3.0	0.10	C	C	EDS	1.5	0.05
		2	F	2.0	0.10	C			1.0	0.05
		3	F	1.5	0.10	C			0.7	0.05
		4	F	9.0	0.10	C			4.4	0.05
		5	C	5.0	4.00	C			2.4	1.94
	C4	6	F	3.5	0.10	C			1.7	0.05
		7	F	7.0	0.10	C			3.4	0.05
		8	M	13.0	6.00	C			6.3	2.91
		9	F	2.0	0.10	C	C	EDS	1.0	0.05
		10	F	11.0	0.10	C			5.3	0.05
		11	C	12.0	3.00	C			5.8	1.46
		12	B	15.0	0.30	C			7.3	0.15
	D3	13	F	5.0	0.10	C			2.4	0.05
		14	M	9.0	2.00	C			4.4	0.97
	F5	15	B	8.0	0.30	C			3.9	0.15
		16	F	6.0	0.10	C			2.9	0.05
		17	F	4.5	0.10	C			2.2	0.05
		18	F	6.0	0.10	C			2.9	0.05
	H7	19	C	5.0	3.00	C			2.4	1.46
		20	F	5.0	0.10	C	C	EDS	2.4	0.05
		21	B	6.0	0.30	C			2.9	0.15
2	H8	22	F	3.0	0.10	C			1.5	0.05
		23	C	49.0	3.00	C			23.8	1.46
		24	C	2.0	0.10	C			1.0	0.05
		25	B	16.0	0.30	C			7.8	0.15
		26	F	11.0	0.10	C			5.3	0.05
		27	F	22.0	0.10	C			10.7	0.05
	G6	28	F	3.0	0.10	C			1.5	0.05
		29	F	3.0	0.10	C			1.5	0.05
		30	M	12.0	8.00	C	C	EDS	5.8	3.88
		31	M	15.0	12.00	C			7.3	5.83
	E2	32	C	12.0	6.00	C			5.8	2.91
		33	M	13.0	10.00	C			6.3	4.85
		34	F	4.0	0.10	C			1.9	0.05
		35	F	10.0	0.10	C			4.9	0.05

*NFD or NSD = No Fibers Detected or No Structures Detected

On Screen Measurement

* Calculated Actual Measurement (On Screen Measurement X 10,000/Magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, AM = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#: 6423
MVA Sample#: Q1457
Client I.D.: Dust 49
Instrument: Philips 420
Magnification: 20,600
Acc. Voltage: 100 KV

Amt Collected(cm^2): 100
Amt Prepped(cm^2): 1
Filter Area (mm^2): 1256
Filter Type: PC 0.2
Openings Analyzed: 10
Grid Opening (mm^2): 0.008

Analyst: AH
Date: 9/20/05
Page: 2 of 2
Comments:
ASTM Method: D6480
or D5755 X

Grid	Opening	Structure Number*	Structure Type	Length** (cm)	Width** (cm)	SAED	EDS	Comments	Length*** (µm)	Width*** (µm)
	E2 CONT	36	F	2.0	0.10	C			1.0	0.05
	B3	37	F	45.0	0.10	C			21.8	0.05
		38	F	6.0	0.10	C			2.9	0.05
		39	B	10.0	0.40	C			4.9	0.19
		40	B	9.0	1.50	C	C	EDS	4.4	0.73
		41	F	2.0	0.10	C			1.0	0.05
		42	F	16.0	0.10	C			7.8	0.05
	E7	43	F	8.0	0.10	C			3.9	0.05
		44	M	15.0	2.00	C			7.3	0.97
		45	M	11.0	8.00	C			5.3	3.88

*NFD or NSD = No Fibers Detected or No Structures Detected

** Screen Measurement

*** Calculated Actual Measurement (On Screen Measurement X 10,000/Magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, AM = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#	6423	Amt Collected(cm^2):	0	Analyst:	WH
MVA Sample#	Q1458	Amt Prepped(cm^2):	N/A	Date:	9/20/05
Client I.D.:	Dust 50	Filter Area (mm^2):	1256	Page:	1 of 1
Instrument:	Philips 120	Filter Type:	PC	Comments:	50
Magnification:	24,400	Openings Analyzed:	10	ASTM Method:	D6480
Acc. Voltage:	100 KV	Grid Opening (mm^2):	0.008	or D5755	X

Grid	Opening	Structure Number*	Structure Type	Length** (cm)	Width** (cm)	SAED	EDS	Comments	Length*** (µm)	Width*** (µm)
1	I5	NSD								
	G2	NSD								
	E4	NSD								
	C3	NSD								
	B1	NSD								
2	C1	NSD								
	B6	NSD								
	E8	NSD								
	G10	NSD								
	I7	NSD								

*NFD or NSD = No Fibers Detected or No Structures Detected

On Screen Measurement

** Calculated Actual Measurement (On Screen Measurement X 10,000/Magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, AM = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#	6423	Amt Collected(cm^2):	100	Analyst:	WH
MVA Sample#	Q1459	Amt Prepped(cm^2):	1	Date:	9/19/05
Client I.D.:	Dust 51	Filter Area (mm^2):	1256	Page:	1 of 1
Instrument:	Phillips 120	Filter Type:	PC	Comments:	1.0
Magnification:	24,400	Openings Analyzed:	10	ASTM Method:	D6480
Acc. Voltage:	100 KV	Grid Opening (mm^2):	0.008	or D5755	X

Grid	Opening	Structure Number*	Structure Type	Length** (cm)	Width** (cm)	SAED	EDS	Comments	Length*** (µm)	Width*** (µm)
1	J1	NSD								
	H3	NSD								
	E4	NSD								
	C5	1	B	16.5	3.50	C	C		6.8	1.43
	A1	NSD								
2	B7	2	C	3.0	0.10	C	C		1.2	0.04
	D8	NSD								
	G4	3	F	3.2	0.10	C	C		1.3	0.04
	I1	NSD								
	J6	NSD								

*NFD or NSD = No Fibers Detected or No Structures Detected

** On Screen Measurement

*** Calculated Actual Measurement (On Screen Measurement X 10,000/Magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, AM = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#	6423	Amt Collected(cm^2):	100	Analyst:	WH
MVA Sample#	Q1460	Amt Prepped(cm^2):	1.0	Date:	9/19/05
Client I.D.:	Dust 52	Filter Area (mm^2):	1256	Page:	1 of 1
Instrument:	Philips 120	Filter Type:	PC	Comments:	1.0 ml
Magnification:	24,400	Openings Analyzed:	10	ASTM Method:	D6480
Acc. Voltage:	100 KV	Grid Opening (mm^2):	0.008	or D5755	X

Grid	Opening	Structure Number*	Structure Type	Length** (cm)	Width** (cm)	SAED	EDS	Comments	Length*** (um)	Width*** (um)
1	H9	1	F	3.0	0.10	C	C		1.2	0.04
	D4	2	M	3.5	0.10	C	C		1.4	0.04
	C1	NSD								
	B5	NSD								
	F1	3	F	1.5	0.10	C	C		0.6	0.04
2	E1	NSD								
	D7	4	F	3.5	0.10	C	C		1.4	0.04
		5	M	2.1	0.10	C	C		0.9	0.04
	E9	6	F	3.6	0.10	C	C		1.5	0.04
	H10	NSD								
	I6	NSD								

*NFD or NSD = No Fibers Detected or No Structures Detected

** On Screen Measurement

*** Calculated Actual Measurement (On Screen Measurement X 10,000/Magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, AM = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

MVA SCIENTIFIC CONSULTANTS
Surface Dust Sample Analysis Sheet

MVA Project#	6423	Amt Collected(cm^2):	100	Analyst:	WH
MVA Sample#	Q1461	Amt Prepped(cm^2):	1.0	Date:	9/20/05
Client I.D.:	Dust 53	Filter Area (mm^2):	1256	Page:	1 of 1
Instrument:	Phillips 120	Filter Type:	PC	Comments:	1.0
Magnification:	24,400	Openings Analyzed:	10	ASTM Method:	D6480
Acc. Voltage:	100 KV	Grid Opening (mm^2):	0.008	or D5755	X

Grid	Opening	Structure Number*	Structure Type	Length** (cm)	Width** (cm)	SAED	EDS	Comments	Length*** (um)	Width*** (um)
1	H6	NSD								
	F2	1	B	2.0	0.20	C	C		0.8	0.08
	C8	2	F	1.8	0.10	C	C		0.7	0.04
	B4	NSD								
	A1	NSD								
2	A4	NSD								
	C5	3	M	12.2	0.10	C	C		5.0	0.04
		4	B	3.2	0.50	C	C		1.3	0.20
		5	M	12.5	0.10	C	C		5.1	0.04
	F3	6	F	16.5	0.10	C	C		6.8	0.04
		7	F	3.0	0.10	C	C		1.2	0.04
	G5	8	M	28.5	0.20	C	C		11.7	0.08
	J6	9	F	5.4	0.10	C	C		2.2	0.04

*NFD or NSD = No Fibers Detected or No Structures Detected

** Screen Measurement

*** Calculated Actual Measurement (On Screen Measurement X 10,000/Magnification)

Structure Type: B = Bundle, C = Cluster, F = Fiber, M = Matrix

SAED: C = Chrysotile, A = Amphibole

EDS: C = Chrysotile, AM = Amosite, CR = Crocidolite, AC = Actinolite, AN = Anthophyllite, TR = Tremolite, N = Non Asbestos

APPENDIX C

MVA, INC. LABORATORY REPORT FOR DEBRIS SAMPLES

Report of Results: MVA 6423

Arizona Building Dust
Debris Report

Prepared for:

Compass Environmental Inc.
1751 McCollum Parkway
Kennesaw, GA 30144

Respectfully Submitted by:

James R. Millette, Ph.D.
Executive Director

MVA Scientific Consultants
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Suite 400
Duluth, GA 30096

21 October 2005

MVA SCIENTIFIC CONSULTANTS

Report of Results: MVA 6423

Arizona Building Dust

INTRODUCTION

This report contains the results of analytical work performed on debris samples received at MVA Scientific Consultants' laboratory on 23 August 2005 via Federal Express. It was requested that MVA Scientific Consultants perform analysis by polarized light microscopy (PLM) for asbestos. The analyses were performed during the period 29 September through 03 October 2005.

Table 1. Sample Information

Field Sample #	MVA ID#	Description
Debris 01	Q1462	Civic Plaza: Exhibit Hall A, Column A3, inside column enclosure at base of enclosure, fireproofing debris, tan with visible vermiculite
Debris 02	Q1463	Civic Plaza: Exhibit Hall A, Column A2, inside column enclosure at base of enclosure, fireproofing debris, tan with visible vermiculite
Debris 03	Q1464	Civic Plaza: Exhibit Hall A, Column B6, inside column enclosure at base of enclosure, fireproofing debris, tan with visible vermiculite
Debris 101	Q1465	General Services Building: SW room (Pharmacy), door # 26, acoustical plaster debris on top of two metal file cabinets in office area, tan particles, <1cm in diameter (2mm typically) visible vermiculite in debris
Debris 102	Q1466	General Services Building: SW room (Pharmacy), door # 26, acoustical plaster debris on blue low nap carpet
Debris 103	Q1467	General Services Building: SW room (Pharmacy), door # 26, acoustical plaster debris in three pharmaceutical (drug) storage bins

METHODS & EQUIPMENT

The material in the debris samples was characterized by stereobinocular microscopy (SBM) and polarized light microscopy (PLM). The PLM analysis was done utilizing an Olympus BH-2 polarized light microscope having a magnification range from 40X to 1000X.

RESULTS

By light microscopy, Sample 6423Q1462 (Debris 01) is composed of approximately 50% gypsum and limestone, 35% vermiculite, 15% chrysotile asbestos, and trace amounts of cellulose fibers, magnetite and quartz.

By light microscopy, Sample 6423Q1463 (Debris 02) is composed of approximately 50% gypsum and limestone, 35% vermiculite, 15% chrysotile asbestos and trace amounts of synthetic fibers, magnetite, and quartz.

By light microscopy, Sample 6423Q1464 (Debris 03) is composed of approximately 48% gypsum, limestone/precipitated carbonate, 35% vermiculite, 15% chrysotile asbestos, and trace/minor amounts of magnetite and quartz, and trace amounts of asbestiform tremolite/actinolite.

By light microscopy, Sample 6423Q1465 (Debris 101) is composed of approximately 80% vermiculite and possible montmorillonite clay (not confirmed by light microscopy), 10% chrysotile asbestos, 10% gypsum and trace amounts of magnetite and quartz.

By light microscopy, Sample 6423Q1466 (Debris 102) is composed of approximately 65% vermiculite, 15% gypsum, 10% chrysotile asbestos, 10% montmorillonite clay and trace amounts of limestone and magnetite.

By light microscopy, Sample 6423Q1467 (Debris 103) is composed of approximately 65% vermiculite, 15% gypsum, 10% chrysotile asbestos, 10% montmorillonite clay and trace amounts of limestone/precipitated carbonate, magnetite and quartz.

Photographs of representative particles taken with SBM and PLM are shown in Figures 1 through 5.

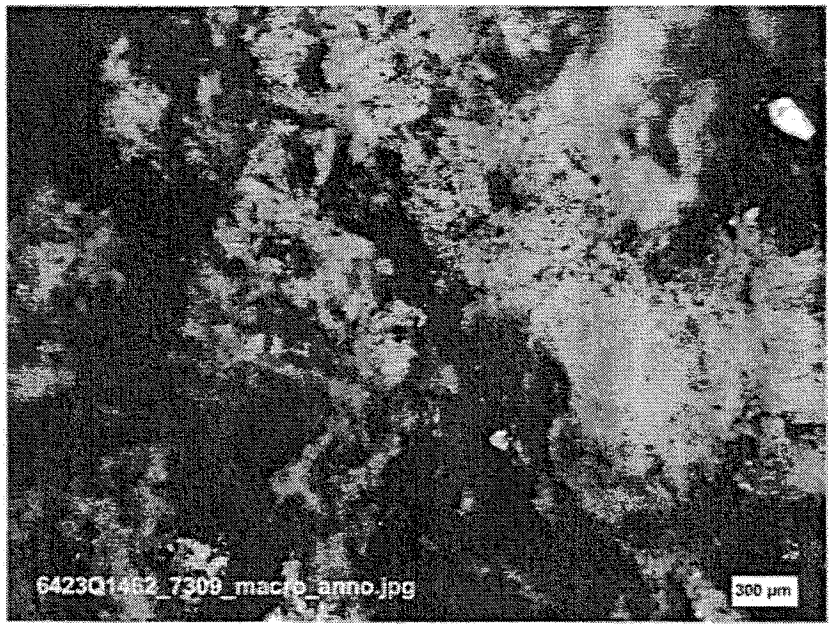

Figure 1. SBM image of sample 6423Q1462 (Debris 01).

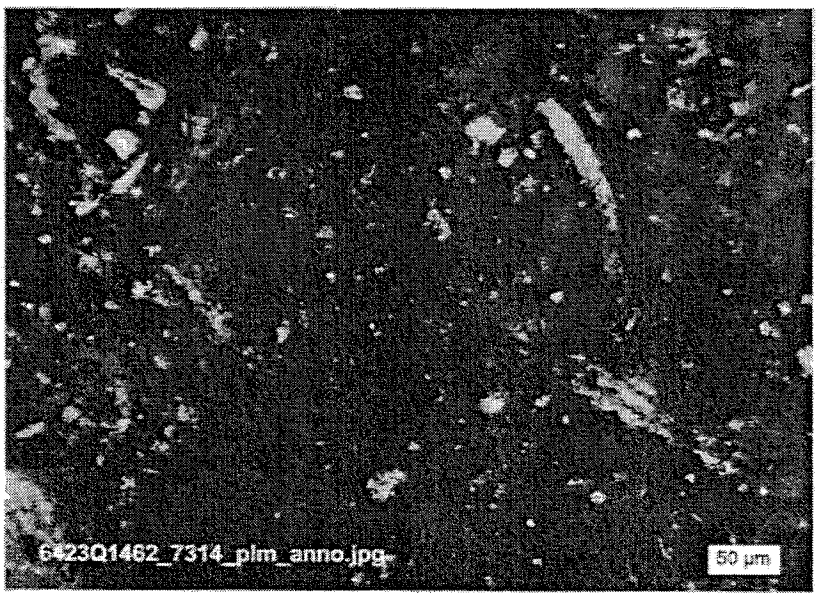

Figure 2. PLM image of sample 6423Q1462 (Debris 01).